

TITLE: Methods and Systems for Angular-Dependent Backscater Spatial Compounding

INVENTOR: Steven C. Miller S/N: 10/723,952 DOCKET: 133311UL (AT 12553-01018)

ATTORNEY: Dean Small PHONE: (314) 621-5070

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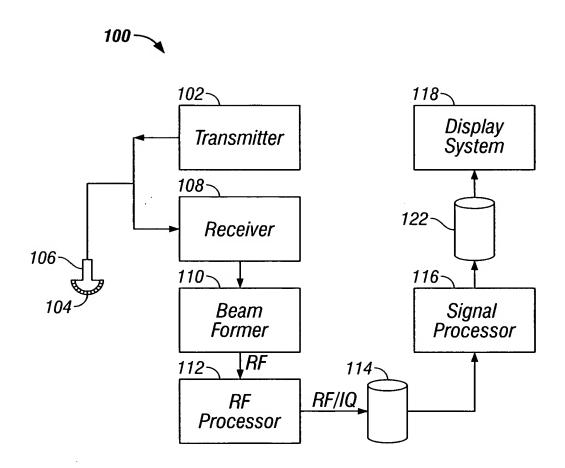


FIG. 1



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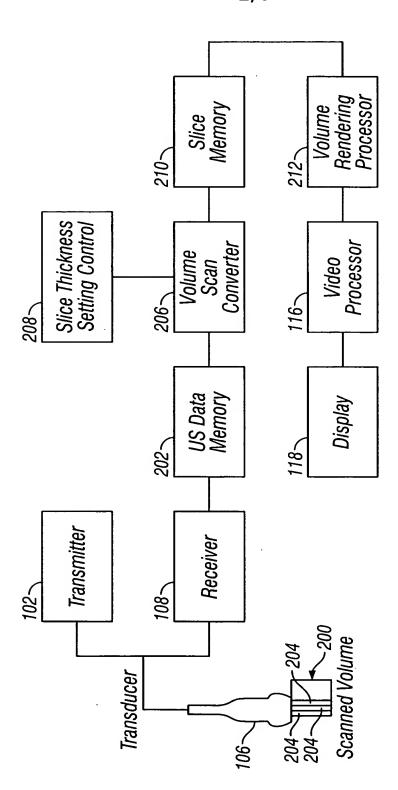


FIG. 2



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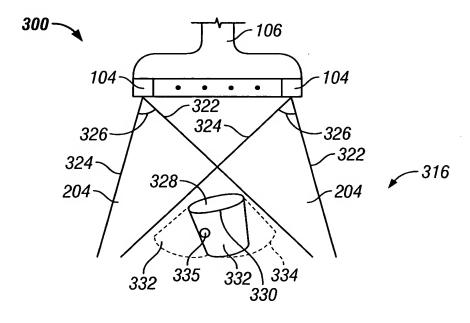


FIG. 3

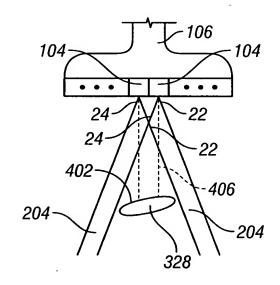


FIG. 4



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500 · 502-Transmitting Ultrasonic Waves into a Volume at Different Steering Angles 504-Receiving Ultrasonic Echoes for Each of the Ultrasonic Waves, Each Ultrasonic Echo Being Indicative of a Density Interface within the Volume, the Ultrasonic Echoes Being Organized into Steering Frames 506 Identifying a Distal Shadow within at Least One of the Steering Frames *508* · Combining the Steering Frames into a Compound Image

FIG. 5